# Fiery Verify

Fiery Verify displays the verification results of your color measurement against a color reference.

Results are calculated from the color reference, the sample measurement, and the tolerance set.

Fiery Verify allows you to edit tolerance sets for the purpose of comparison.

## Compare a sample against a color reference

Load sample and reference files to compare them using a tolerance set.

**Note:** Fiery Verify supports .txt and .it8 file formats.

**Note:** The sample and reference files must contain valid CGATS data.

1   Optional: Click File > New comparison to start a new comparison.

2   Click Comparison > Load Reference.

3   Select a file, and then click Open.

4   Click Comparison > Load Sample.

5   Select a file, and then click Open.

6   Select the appropriate Tolerance set for your color workflow.

7   Optional: Click Report to save a detailed report in PDF format.

## Create a verification preset in Fiery Verify

Create a verification preset to change the Color reference, Tolerance set, or Patch set used for color verification in Fiery Verify.

You should know:

- Color reference is the targeted colors that sample measurements are compared to.

    **Note:** Industry standard color spaces, such as GRACoL2013 and FOGRA51, comprise most of the color reference selections.

- Tolerance set is the criteria used for comparison between a color reference and a sample measurement.

- Patch set is the defined set of color patches printed to use as a measurement sample.

    **Note:** Industry standard patch sets, such as Idealliance Control Wedge 2013, Fogra Media Wedge V3, and IT8.7/4, comprise most of the patch set selections. Custom patch sets can be imported.

A verification preset consists of a color reference, a tolerance set, and a patch set.

1 In Fiery Verify, click Edit > Verification Preset Editor.

2 Select the Verification preset you want to edit.

3 Click  .

4 Optional: Under Verification preset, edit the name for the new preset.

5 Select a Color reference appropriate for the color production workflow you want to verify.

- Click  to import a color reference.

  **Note:** Your color reference is recommended to match the source color profile you use for printing the job where color is being verified.

6 Select a Tolerance set appropriate for the color production work flow you want to verify.

- Click  to create a new tolerance set.

7 Select a Patch set appropriate for the verification work flow.

- Click  to import a patch set.

8 Click Save.

## Create or edit a tolerance set in Fiery Verify

Create or edit a tolerance set to specify the criteria used for comparison by Fiery Verify.

Know the acceptable variation limits for your color workflow including:

- ΔE formula
- General ΔE limits
- Primary color ΔE limits
- Hue difference ΔH limits
- Tone value difference tolerance limits
- Chromaticness difference ΔCh limits
- NPDC ΔL limits
- Spot color ΔE limits

**Note:** Limits define the acceptable tolerance ranges that are calculated for each criterion.

1 Click Edit > Tolerance Set Editor.

2 Click  .

**3** Select a ΔE formula.

**4** Use the check boxes to select the Tolerance criteria you want.

**5** Enter a Limit for each criteria selected.

**6** Select either Warn or Fail to choose how each criterion will indicate when a measurement exceeds the limit you specify.

- Warn is informative only and will still allow the comparison to pass.

- Fail will cause the entire comparison to fail.

**7** Click Save.

## Save sample measurements

Save the measurement sample made as part of the verification process as a .it8 file.

Measurement samples are saved as .it8 files.

Save a measurement sample for use as a reference, or for comparison.

**1** In Fiery Verify, click Comparison > Save Sample.

**2** Navigate to the location where you want to save the report.

**3** Type a file name, and click Save.

## Load reference

Load a reference file into Fiery Verify to compare it to a measurement sample.

**Note:** Fiery Verify supports .txt and .it8 file formats.

**Note:** The reference file must contain valid CGATS data.

**1** In Fiery Verify, click Comparison > Load Reference.

**2** Select a file, and then click Open.

## Load sample

Load a sample file into Fiery Verify to compare it to a reference.

**Note:** Fiery Verify supports .txt and .it8 file formats.

**Note:** The sample file must contain valid CGATS data.

**1** In Fiery Verify, click Comparison > Load Sample.

**2** Select a file, and then click Open.

## Save Report

Save the details of the verification comparison as a PDF file.

**1** In Fiery Verify,

- click File > Export to PDF > Report, or

- click  .

**2** Navigate to the location where you want to save the report.

**3** Click Save.